SupeRex® III Mobile ALPR Processor

The Federal Signal PIPS SupeRex® III mobile ALPR processor is a dedicated processor engineered specifically for the vehicle environment, and provides incredible versatility for a variety of applications. In tandem with PIPS' Slate™ camera system and PAGIS® software, the SupeRex provides a turnkey mobile ALPR solution with maximum performance. Its extended processor life and reliable performance enable improved system speed and powerful processing of multiple ALPR images and reads.

Features

- Core Two Duo processor with 4-channel frame grabber, 240 fps video capture.
- Intelligent power supply unit with integrated surge protection tied to vehicle ignition.
- Integrated programmable vehicle timer for enhanced system performance.
- Ruggedized, shock-mounted internal automotive hard drive.
- Proprietary image capture module with integrated Hardware Platefinder®.
- General Purpose I/O for easy interface with other devices (i.e. barriers).
- Industrial temperature range computing components and efficient heat management.
- Dedicated GPS input for direct connect to Garmin GPS.

Specifications

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Model #	AP442T00000240
Dimensions	5”x 9.25” x 16” (127 x 235 x 406 mm)
Weight	15 lbs (6.8 kg)
Processor	Core2 Duo Processor, 4-Channel, 240 fps video capture
Hard Drive	Automotive rated 30GB Extreme Environment Hard Disk Drive (HDD)
Intelligent Power Supply	Surge protection, monitoring of automobile battery to protect against deep discharge, integration with vehicle ignition for safe, programmed startup and shutdown, supports stand-by and hibernate modes from OS
Interfaces	4 Camera Ports, GPS input, general purpose I/O, 12V power/Ignition input, Quick-Change Fuse, 4 USB Ports, two (2) PS2 Ports, RS-232, VGA Port, Audio I/O
Integrated Vehicle Timer	An integrated vehicle timer will allow the ALPR Processor to continue operating for up to 1 hour after the ignition is switched to “Off” to allow for instant “On” operation by the User.
Applications	
	Law enforcement, Intelligent Traffic, Parking and Access Control

Benefits

- Powerful and efficient processing for up to 4 ALPR cameras
- Safe programmed shut-down of system with no adverse effect on other vehicle systems
- Reliable long-term operation in extreme operating environments
- Ease of interface to other devices in a fixed installation environment, such as barriers and triggers

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